

# Floyd Co. ATC Summer Career Camp

## Lauded as Great Career Awareness and Recruitment Tool by Prestonsburg High School Counselor



Floyd Co. ATC faculty and staff.



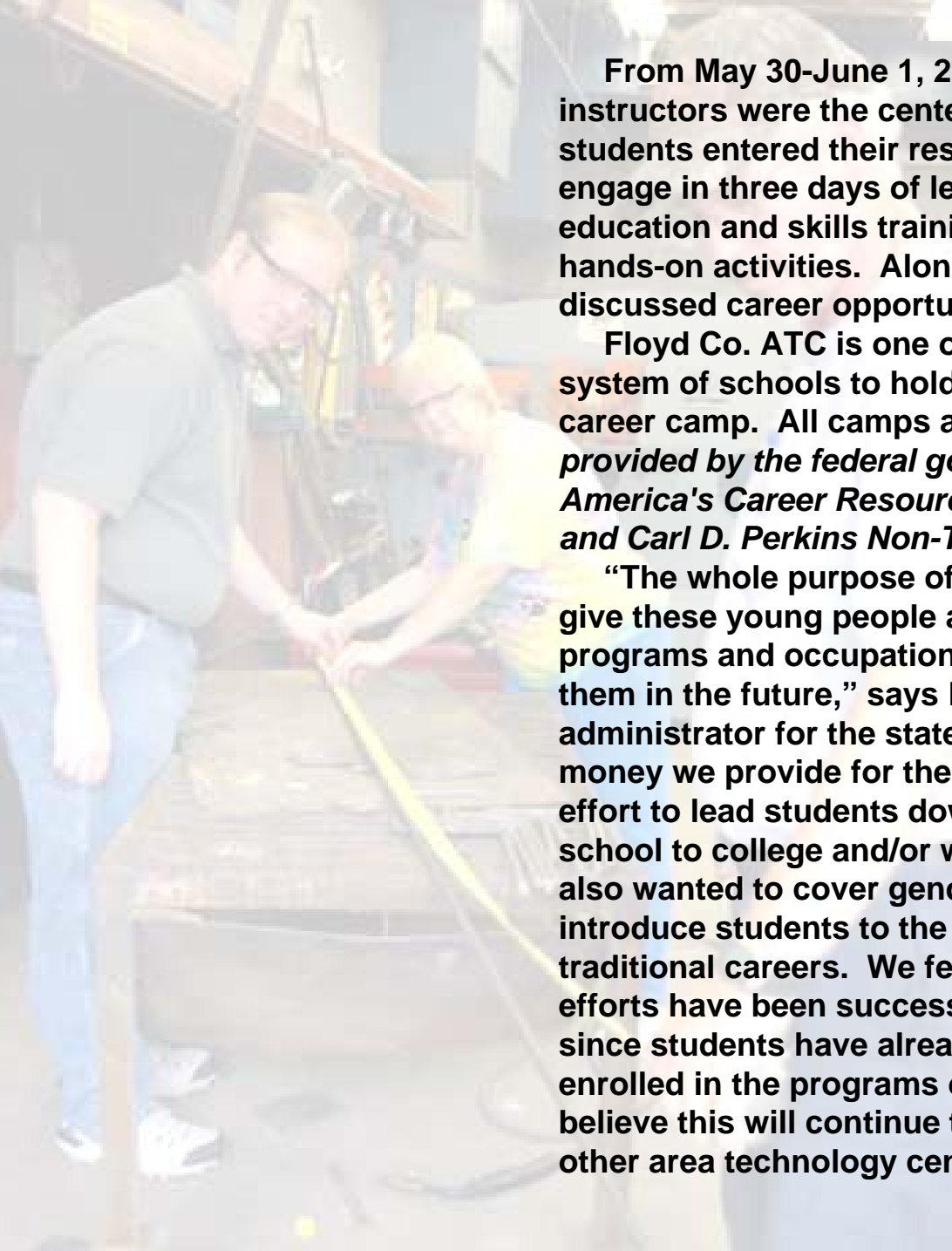
“This camp continues to be a positive step in making kids aware of different careers. It has also been a positive step in building relationships with our academic colleagues at the high school. However, the most important aspect of this camp is that we are providing kids, who wouldn’t normally have this chance, an opportunity to experience these types of careers using hands-on activities. They are learning and having fun. It’s helped in our recruiting efforts because some of these students are now going to enroll in programs at our school and there are a few who will enroll in non-traditional career tracks.”

Lenville Martin, Principal

**Floyd Co. ATC Principal Lenville Martin is a great believer in trying to accommodate requests made by his academic colleagues in the local school district. And, Prestonsburg High School Counselor Karen DeRossett has learned from experience that Martin and his staff are pros when it comes to coordinating a summer career camp to create an avenue for students to better understand the career opportunities available at the area technology center (ATC).**

**Martin and his staff have hosted the camp during two out of the last three years and DeRossett was resolute in her pursuit of this worthwhile activity when she began discussions this past March. She even enlisted the help of ten academic instructors to assist with the 72 students who enrolled in this year's summer career camp.**

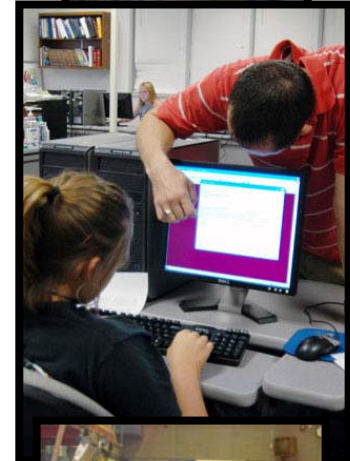
**"We were unable to have the camp last summer and I really missed this opportunity for my students. I guess this was obvious when I started calling in March and 'begging' for the camp this summer. I saw a decrease in student requests for programs at the ATC due to a lack of exposure that the camp had provided in the previous summer," says DeRossett. "My students have benefited so much from this program. These are all at-risk students who participate and we can see a light in their eyes that is not there during the regular school year. They take the activities seriously and are interested in what they are learning. They see the application of the information that they have learned in classes that they saw no use for before the camp. The academic teachers connect biology, algebra, and geometry core content to the technical education and skills training provided by the technical teachers. For our students, it is like, 'AHA', I finally understand."**



From May 30-June 1, 2007, Floyd Co. ATC instructors were the center of attention as 72 students entered their respective labs to engage in three days of learning about technical education and skills training while engrossed in hands-on activities. Along the way, they discussed career opportunities and salaries.

Floyd Co. ATC is one of 9 in the KY Tech system of schools to hold a 2007 summer career camp. All camps are funded *with money provided by the federal government through the America's Career Resource Network (ACRN) and Carl D. Perkins Non-Traditional funds.*

“The whole purpose of this endeavor is to give these young people a glimpse into career programs and occupations that may interest them in the future,” says Karla Tipton, administrator for the state’s ACRN funds. “The money we provide for the career camps is an effort to lead students down a path from high school to college and/or work. This year, we also wanted to cover gender equity issues and introduce students to the concept of non-traditional careers. We feel as though our efforts have been successful at this school since students have already requested to be enrolled in the programs offered. And, we believe this will continue to be successful at our other area technology centers.”





## **Automotive Technology**

**Instructor: Gary Mullins and Jamie Williamson**

**Activities: Fluid identification**

**Mixing Antifreeze**

**“It was our intention to teach students how to identify the type of fluid on the ground – if there was a leak in their driveway because many students have their own vehicle or are in the process of trying to obtain one. We have studied antifreeze, transmission differential and brake fluids. We have also looked at the difference in gasoline.**

**In addition to fluids identification, we have talked about automotive careers and by having this camp, we feel that it gives all these students an opportunity to see what they might want to do with their lives. What we provide is different than what most of them are used to seeing in an academic classroom. But, over this camp, we have also been able to work with some academic instructors. They can now see the value of what we teach and how we can help some of their students understand academic principles because of the hand’s on approach we use to teach our curriculum.**

**I’m also involved in the Math-in-CTE project with Prestonsburg HS Math Instructor Sharon Vaughan – who is working at this camp too. She is great and we have found ways to teach students math concepts embedded in the technical curriculum. It’s just another way of helping students understand a subject area by showing them how it relates to their technical class – and we use the practical approach.**

**We’ve had a wonderful time working with the kids this week and we feel that having the ability to make good decisions will open many career paths in the automotive industry.”**

***Automotive Technology Instructor Gary Mullins***



**Photo above: Automotive Instructor Jamie Williamson (far right) shows and explains to these students the different types of fluids used in a car.**

**“I think this camp was great because it gave the students an opportunity to get a flavor of the different programs offered at the ATC. I believe most students have a preconceived notion of what automotive technology is about and are surprised to learn about the advanced technology involved in today’s automobiles,” says Williamson. “And, finally, students don’t realize the career opportunities available in the automotive field – but, those who attended this career camp now have a better understanding of the kinds of jobs that are on the market and a salary range for those positions.”**



## **Carpentry**

**Instructor: James Taylor**

**Student Helper: Chris Mullins**

**Activity: Flower Box**



Carpentry Instructor James Taylor knows that kids generally love carpentry and he has tried various projects during past camps.

“Out of everything we have made over the past several years, the kids seem to like this activity the best. Each student has made one flower box and filled it with flowers to take home. We have even made a few more flower boxes to use as give-aways. It’s been a hit with the students and the teachers.

I have had some very good help this year from our academic counterparts and my student helper, Chris Mullins. It seems to me that Chris has enjoyed himself and because of his easy going personality, as well as his ability to communicate, the students have worked very hard to create and finish their flower box project.

And, from some of the comments that I have heard from the students who have attended, our enrollment will increase – and, there will even be some non-traditional students enrolling in all of our programs. It just goes to show you that when students are exposed to something that interests and excites them – it doesn’t really matter what it is because it caught their attention. This camp catches the attention of many students and as a result, they become familiar with the programs offered here at our ATC. And, they learn that they can make a good living by learning the skills they need to get them into the workplace.”



**Photo at left: Prestonsburg High School English Instructor Deshia Holliday (center) helps two students put flowers in their boxes.**

**“It’s been interesting to listen to the students make connections to the literature that we have read in class. In Mr. Taylor’s carpentry class, there is a canoe and Viking ship that are being made. Of course, the students noticed them right off because of the size of each. The kids said, ‘It’s just like the one in Nicholas Sparks’ novel, Message In A Bottle,” says Holliday. “The biggest value that I see is, once students come to this ATC, they realize all the advantages they can learn in order to function in society.”**

**“When I came in this morning to class and saw the flower boxes and plants, I automatically started thinking about collaboration with this teacher,” says Holliday. “During the normal school year, my students studied transcendentalist writers and I began thinking about various writing prompts we could use in English class as a result of what is taking place in the carpentry class.”**



**James Taylor poses with the Viking ship being constructed in his carpentry class.**



**Photo (l to r): Chris Mullins helps Summer Noakes drill the nails into her flower box.**

**“I have been to all the classes except computer, and so far I like carpentry the best. I have learned how to use a drill to make a flower box. I know it sounds crazy, but this is the first time I have ever planted flowers too,” says Summer.**

**“I love carpentry and have enjoyed helping Mr. Taylor with this class,” says Mullins. “I have also seen students go into some of these programs and come out saying they really learned something they could use.**

**I personally think all of these classes should be required in high school because there is something in each that can be used in everyday life. And, it can not only make you money, but it can save you money.**

**I have met a lot of new people as a result of helping them build their flower box. And, there’s a new respect for what we do here.”**

**Photo at right: Group photo of students who completed their respective flower box.**





## **Health Sciences**

**Instructor: Charolette Jarrell**

**Activities: Summer First Aid**

**Snake Bites**

**What to do for a sting**

**Correctly put on and take off gloves**

**How to properly apply a band aid**

**“What I’ve enjoyed this week has been teaching the students something that they didn’t realize existed in the scope of nursing. For instance, all of our activities have dealt with summer first aid. It’s amazing how much these kids actually soak up when they are taught from a hands-on perspective and of course, health sciences is hands-on. At the same time, the whole curriculum is laced with science.**

**We have also had lively career discussions and for some reason, they didn’t understand that becoming a dental hygienist, respiratory therapist and physical therapist are all under the health umbrella. Now, they have a much better understanding of career choices and respective salaries as a result of participating in our summer camp.”**

***Floyd Co. ATC Health Sciences Instructor  
Charolette Jarrell, R.N.***



**Photo above (l to r): Liz Wallace, Instructor Charolette Jarrell and Shelby Brewer. Jarrell watches as Brewer puts a band aid on Wallace.**

**Both Liz and Shelby want to become a dental hygienist and found out that they could take Jarrell’s class during the next school year. And, both students couldn’t believe it when they found out that Mrs. Jarrell’s class would be of benefit to them in the career they each want to pursue.**

**“I have enjoyed this class and want to take it next year,” says Brewer. “I think this class will help me.”**



**Photo (l to r): Bettyalice Stephens, Lashona Bradford, Kisha Jarvis and Tiffany Perry all take part in the activity of learning how to put on and take off gloves in the correct manner. Instructor Charolette Jarrell is at top right of photo providing instruction for the activity.**



# Industrial Maintenance Technology

Instructor: Denzil Martin

Student Helpers: Andrew Patrick and Thomas Goble

Activities: Build Electronic AM Crystal Radio – does not need batteries

Build a Motor Action Kit

“This year, I was privileged to have two of my students help me with this summer camp. They are outstanding young men who will be successful because they already have their goals for life outlined. By helping with this camp, it gave them another perspective of learning.

I wanted students to use cognitive and motor skills to complete an activity. So, I worked with Andrew and Thomas prior to the camp so that they would be able to present an activity and instruct students on each of the functions that were required. I felt this would help them when they move on to postsecondary education. So, this camp not only provided students with an opportunity to learn about different career choices, it also helped my student teachers learn how to present themselves in a real world setting. And, this camp is also a very good recruiting tool. I’ve had some students express an interest in taking my program next year.”

Denzil Martin, Instructor





Photo (l to r): Brianna Curry, Katie Boggs, and Savannah Wright try to figure out how to build a motor.

All three girls made crystal AM radios in Mr. Martin's class and stated "he talked a lot about safety and how we can protect ourselves from electrocution. He also made sure that we understood the difference between the types of wires – like blue to red – not black to red."

The girls also said they learned a lot about career opportunities and how much money they could make in the nursing field.

"This summer career camp is great. My favorite class has been welding because I find it enjoyable and to me, it relieves stress. I like it because it's a traditionally male type career and the fact that I can go in there and do it just as well as they can gives me great pleasure," says Brianna Curry. "So, I asked Mrs. DeRossett to change my schedule for next year so that I could enroll in Mr. Mosely's welding class."

"I plan to be a nurse and I loved Mrs. Jarrell's health sciences class. Because of this camp, I absolutely plan to enroll in her class. If I hadn't been at this camp, I would have never known about her," says Katie Boggs. "She is a great hands-on type of teacher and because of this and how she explained open cut wounds to all of us. Because of Mrs. Jarrell, we understand what it takes to be a good nurse."

"I had thought about being a nurse, but now, I know I want to be a nurse because of what I learned in Mrs. Jarrell's class. She is awesome. We learned more in her class in two hours than we have learned in some of our high school classes for a whole year. It's very practical and we didn't just read a book," says Savannah Wright.





Photo below: Andrew Patrick helps students build their own AM Radio.



Andrew Patrick, one of two student helpers says of his instructor, “Mr. Martin is awesome. This is real life training. I want to be an electrician and start my own business one day.

There are more jobs in technology than anywhere else and coming to this school shows us what’s out in the real work world. They teach us like we are out in the field. It’s all hands-on.”

“There are many opportunities in electricity and I’ve learned that it’s always changing,” says Thomas Goble, a second student helper.

“Most people don’t realize the math and science in this program, but, you have to know a lot about both of these subjects,” says Patrick. “In electricity, we have to know formulas and the one we use the most is Ohm’s Law.”

## **Information Technology**

**Instructor: Jeff Shannon**

**Activities: Building a Home Page Using HTML**

**“Students got the opportunity to see that web site development is within their grasp. They also got a chance to see real world evidence of job opportunities in web design,” says Information Technology Instructor Jeff Shannon. “By participating in this career camp, students had a chance to tap into natural skills that they didn’t know they possessed because they could sample the different programs offered at our ATC.”**







**Photo at left:  
Austin Minix  
works on  
creating his own  
home page using  
HTML.**

**“Of all the programs that I have been in this week, I liked automotive technology and welding the best,” says Austin Minix. “I even asked Mrs. DeRossett to enroll me in automotive technology for next year.**

**She said she would. It seems like the teachers here are more realistic because they are teaching us how to act in the real world – because they have experience and they can teach us. It’s good that students have an opportunity to participate in something like this so that we can see the benefits for ourselves.”**

## **Machine Tool Technology**

**Instructor: Philip Ousley**

**Activities: CNC machine operation**

**Making a wood craft product ink pen**



**“As far as machine tool technology is concerned, I feel that the students now have a better understanding of how math is applied in this discipline. Of course, we study x,y and z coordinates and this directly relates to algebra.**

**The pen that our students made during this summer camp was a hit because each one thought it was a cool project and they could actually use what they made.”**

**Philip Ousley, Instructor**





## **Welding**

**Instructor: Terry Mosley**

**Activities: Shepherd Hook**

**Name plates**

Instructor Terry Mosley had an opportunity for one of his students to help out with this year's camp and said, "David Hicks has stepped up to the plate and I'm proud of how he has worked with the students."

"While this type of camp requires a lot of work, we feel it provides students with a great overview of the types of programs that we offer here and the careers that they can become trained for if they enroll," says Mosley. "Each time we have conducted this camp, we have been able to positively promote the area technology center as a whole and our programs in particular. And, each year, we have found students who – once they get here and understand how we operate, want to become part of our technical family. The hands-on activities get them engaged and then we keep them engaged by helping them to understand how to make it in the real world. And, it's amazing how many females enjoy welding once they give it a try."

Floyd Co. ATC Math Instructor Ricky Joseph was recently hired and was included as an instructor in the career camp.

"My first impression is that this is amazing to see how these kids have enjoyed themselves and learned so much about careers. I heard numerous students say that they want to come to the ATC next year to take classes and I know of a few who have already approached the counselor to change their schedule for next year," says Joseph. "I think this is an excellent opportunity to – for instance – come into the welding class to teach students about angles. To me, there are no limits in what I can do to help students better understand math. This is real world and I have seven programs with seven different teachers to partner with so students can have their questions answered."



**Photo (l to r): David Hicks, Matt Blevins (back) and Justin Moore. The students are bending the metal for a 7' Shepherds Hook.**

**“Mr. Mosley is a very good teacher. He understands how to communicate with us. I have learned about welding and that it is a good career,” says David Hicks.**

**“I really didn’t know what to expect,” says Matt Blevins, a junior, “But, I have enjoyed the whole welding experience.”**

**“I’m planning on welding as a career because there is good money in it,” says Justin Moore.**





**Photo at right (l to r): Newly hired Floyd Co. ATC Math Instructor Ricky Joseph, Prestonsburg HS Math Instructor Sharon Vaughan and Welding Instructor Terry Mosley.**

**Sharon Vaughan had this to say regarding the career camp and the value of career and technical education.**

**“From my perspective, these students have an opportunity to explore career options in the programs available at this area technology center. At the same time, Mr. Martin and Mrs. DeRossett felt that having academic instructors would help students better understand academic concepts from a hands-on experience.**

**And, quite frankly, we as instructors have also learned the value of career and technical education in the global economy. I teach higher level math throughout the year and being here has given me an opportunity to tie in real world applications in my class.**

**I’m also involved with Automotive Technology Instructor Gary Mullins in the Math-in-CTE program and it has been a great experience. We have been able to show students how math is applicable in the automotive curriculum. This has also been a positive eye-opening experience for me.”**



## Friends of the Summer Career Camp



**Photo (l to r): Rob Shepherd, financial advisor with Edward Jones; Wes Hamilton, Owen, ADT Home Security Business; Floyd Co. ATC Principal Lenville Martin, Norm Marcum, regional sales rep. for WSIP radio in Paintsville; Tommy Reed, pastor Fitzpatrick First Baptist Church, Prestonsburg, KY; Jerry Fannin, Mayor of Prestonsburg; and Don Hughes, President and CEO of Abbott Engineering in Prestonsburg.**

**During lunch on Friday, several members of the community took Lenville Martin up on his invitation to come and mingle with and speak to students about developing a career track. He also wanted them to relay the importance of education in the work world.**

**“I wanted to encourage all of these students to not become a statistic in society, but rather to look at the types of careers that they might be able to learn to succeed in society,” said Tommy Reed.**



**“I think that students should remember that one person can make a difference in this world. When I graduated from high school, I enrolled in a postsecondary HVAC program and after graduation had an extremely successful business. And, I come to this area technology center for continuing education and skills training in order for my licenses to remain current. So, in my opinion, this type of career camp is providing great opportunities for all the students in our area to learn about careers.” -- *Mayor Jerry Fannin***

**“As a former KY State VICA Champion (1987 Electronics winner), I believe in vocational technical education. I know from a personal standpoint that there is a stigma about the programs. But, if you took a poll, using our local population and speaking from an economic standpoint, in my opinion, the technically skilled oriented individuals are far more successful.” – *Wes Hamilton***

**“I never went to a technical college, but the biggest part of my employees come from a technical school background. They are some of the best employees we have because of the training they have received. So, I wanted to stress to the students the value of early career choices and in a real world, the example of technical education. Out of 36 employees, we have at least 25 who have come out of a technical program.” -- *Don Hughes***

**“Regardless of your education choices, everything you do builds to the next level of success. So, education goes hand in hand with experience and the most important aspect of this program is the fact that many of these students are seeing for the first time that they have a multitude of career options available to them. And, ultimately, this will open up a pathway for their future.” -- *Norm Marcum***

**“I have been flooded with students who now want to redo their course requests for our 07-08 school year to include taking programs at the ATC. I have discussed this option with them several times, but until they actually attended this camp - they were either too intimidated or not sure of their interest. But, now they are very interested in what they were exposed to during the camp and now want to change their schedules to enter a technical field,” says DeRossett. “This camp has so many benefits for students. AND, I have also noticed that my staff from PHS learned valuable lessons by attending the classes too. They have networked with the ATC staff and made valuable connections. They have all returned to school this week with a new understanding and appreciation for what is taught at the ATC and how the core content can be covered within the classes at the ATC.”**



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